

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET

(pursuant to NAC 445A.236)

Permittee Name: City of Sparks Public Works Department
P. O. Box 857
Sparks, Nevada 89432-0857

Permit Number: NEV95005

Description of Discharges

Locations:

Don Mello Sports Complex, 255 Sparks Blvd., Sparks NV 89434; Longitude: 119°42'50"W., Latitude: 39°32'0"N., Section 10, T.19N., R.20E.

Shadow Mountain Sports Complex, 3200 Sparks Blvd., Sparks, NV 89434; Longitude: 119°42'50"W., Latitude: 39°33'50"N., Section 34, T.20N., R.20E.

Sparks Boulevard/Van Meter Park, 1300 O'Callaghan Dr., Sparks, NV 89434; Longitude: 119°43'0"W., Latitude: 39°33'0"N., Section 34, T.20N., R.20E.

Pah Rah Park, 1730 Shadow Lane, Sparks, Nevada 89434; Longitude: 119° 42' 20"W., Latitude: 39°33'50"N., Longitude: 119°42'20"W., Section 35, T.20N., R.20E.

Shelly Park/Tree Farm/Fire Station #2, 3000 North Truckee Lane, Sparks, Nevada 89434; Longitude: 119°44'04"W., Latitude: 39°33'18"N., Section 33, T.20N., R.20E.

Willow Creek Park, 125 East Prater Way, Sparks, Nevada 89434; Longitude: 119°42'50"W., Latitude: 39°32'00"N., Section 33, T.20N., R.20E.

Les Hicks Park, 3650 Oakridge Dr., Sparks, Nevada 89434; Longitude: 119°43'00"W., Latitude: 39°33'00"N., Section 35, T.20N., R.20E.

Don Mello Fill Station, 255 Sparks Blvd., Sparks, Nevada 89434; Longitude: 119°42'50"W., Latitude: 39°32'00"N., Section 10, T. 19N., R.20E.

Truckee Meadows Fire Fill Station, La Posada Dr. & Rockwell Blvd., Sparks, Nevada 89434; Longitude: 119°42'40"W., Latitude: 39°38'15"N., Section 34, T.20N., R.20E.

Characteristics: The Truckee Meadows Water Reclamation Facility (TMWRF) provides tertiary treated, denitrified and disinfected effluent for reuse irrigation at the five existing park/sports complex sites, and proposes to irrigate two new additional park sites, Willow Creek and Les Hicks Park. Reuse at the new sites will be via spray irrigation of turf grasses, trees and other landscape plant materials as well as drip and hand irrigation if needed. Two effluent fill stations are also included. All reuse irrigation and fill station operations shall be conducted and or operated in accordance with the approved Effluent Management Plans and permit conditions; dust control and soil conditioning is included.

Flow: The applicant has applied for a permit modification to increase the flow from 2.0 MGD 30-Day Average Flow to 9.5 MGD and 11.0 MGD Daily Maximum Flow for a total of eight park/sports complex sites and two truck fill stations using or proposed to utilize reuse water. The permit requires the reuse water quantity to be monitored and reported. The maximum monthly flow is based upon the highest usage month determined from the consumptive use balance plus 10% allowance, and in accordance with the approved

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Effluent Management Plan. The annual application volume is limited to a maximum of 12,320 acre feet/year for all the sites combined.

Fecal Coliform:

Fecal Coliform:* 2.2 CFU/MPN/100 ml 30 day average CFU = Colony Forming Units; 23 CFU/MPN/100 ml daily max.MPN = Most Probable Number; ml = Milliliter

* Sample results are obtained from TMWRF (# NEV2003506/formerly NV0020150)

General: The applicant intends to reuse tertiary treated, denitrified and disinfected reuse water provided by the Truckee Meadows Water Reclamation Facility (TMWRF) on a total of eight park sites; two additional parks and two truck fill sites have been added under this permit modification. The TMWRF provides reclaimed water that meets Category C quality per NAC 445A.276, and is denitrified below 10 mg/l N.

Receiving Water Characteristics: Groundwater in the area is potable and the depth to groundwater in the area varies with elevation. The Permittee, in the approved Effluent Management Plan (EMP), will need to ensure that the treated denitrified effluent is applied at the consumptive rate. No adverse effects to groundwater are expected to occur as a result of this effluent reuse.

Procedures for Public Comment:

The Notice of the Division's intent to modify the permit authorizing the facility to discharge to the groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Reno Gazette-Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of the publication of the public notice. All comments must be received by February 16, 2004. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons.

The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the

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geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination

The Division has made the tentative determination to modify the proposed permit for a period of time until the permit expires on June 16, 2006.

Schedule of Compliance and Special Conditions

Cross-Connection control documentation approved by the Washoe County Health Department for all sites shall be confirmed and submitted prior to effluent reuse.

There are no other special conditions.

Rationale for Permit Requirements

Required parameters are monitored to ensure effluent reuse requirements are maintained per NAC 445A.275 and 445A.276.

Prepared by: Icyl C. Mulligan
December 2003

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